



# **CAR SHOWROOM**

## **21CSS101J – PROGRAMMING FOR PROBLEM SOLVING**

### **Mini Project Report**

*Submitted by*

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**(Under Section 3 of UGC Act, 1956)**

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PROBLEM STATEMENT

Title of the Project :

CAR SHOWROOM

Problem Definition:

Design a Project to analyze the data of a car showroom and provide the user with the module for customization and the required necessities to imply for a car to be purchased.

Contribution / Team members:

Rithika Balaji,Raaghashree

Team Detail:

The Project "car inventory" is developed by Rithika Balaji, it took approx. 15 days to develop this project, working 1.5 Hours daily. All modules were completed by me only as per my view and knowledge.

Reason for choosing the Topic:

Because this program is easy for a user to give their required necessities.

Objective:

To analyze the Result of all the cars in the inventory.

To show the required mileage etc.

To compare the number of cars vs the chosen car

To display the final result.

## Car showroom management system

### PROJECT OBJECTIVE:

This showroom system is designed for such owners and users who are interested in cars. This system keeps track of all the cars along with their each and every single detail. From the date of manufacture to up to what price can one negotiate while taking that car, one can view all the data here. If someone is interested in buying the car, then he/she can contact the retailer as well for the same, via the system.

### EXISTING SYSTEM:

In the existing scenario, if someone has to buy a car or even interested in buying any car, then the person has to go to the showroom. Not only once, but everytime, whenever he/she is looking for some fact, the only option left is to go to the showroom. This is very time consuming and very hectic as well. Sometimes, the buyer even lost interest because of this practice.

### PROPOSED SYSTEM:

The proposed system is very effective. If someone is interested in buying any car, then he/she can check all the information related to the car in the given portal. He/she can even book the test drive within the system. The proposed system also helps the buyer to check which cars and companies are good for them, by showing them the past reviews about the car/companies. The proposed system is so helpful and effective.

### CAR SHOWROOM MANAGEMENT SYSTEM :

#### 1. CAR CHOICES

All the facts and figures related to a car of each model is present in this module & the viewer can view this module after login into the system. New car details and existing car details are added into this module. Lists of all the cars are available inside this module.

#### 2. COMPANY MODULE

All the details of the company are added into the module. Along with the existing details, new details are also added into this module about the company and various new companies are being updated by the admin of the system, frequently.

#### 3. BUYING DETAILS

Via this module, the user or customer of this system can book the cars for them. If they are not willing to book the car, then they can atleast book a test drive for themselves. All the previous booking details are available through this module. Admin can update the details as per the need.

#### 4. PAYMENT

This module is designed specifically for the customers. They can login into the system after getting their credentials. This module keep track of each and every customer and all the information related to each customer is being added into this module. This module is updated timely by the admin of this system.

#### CONCLUSION

The given program is used to sell,modify,purchase cars by using python code .This program uses CSV module .There are three choices where u can use either of the choices to either sell a car or buy a car or modify a car or purchase a car depending upon the choice of the user .This program is mainly created for an customer to easy opt for their required option by just choosing their choice .

